

What is claimed is:

1. A system for the preparation of tooling sheets involving generating tooling sheets wherein the recommended cutting conditions for a cutting tool comprising a combination of the tool body, an insert, and material of the insert are recorded, wherein there is provided;
a cutting tool selection device which interactively selects cutting tools in accordance with a previously defined method, and
a tooling sheet preparation device which defines the recommended cutting conditions for the selected cutting tools as a default, and reflects these details in the tooling sheet.
2. A system for the preparation of tooling sheets according to claim 1, wherein said tooling sheet preparation device reflects recommended cutting conditions which are updated by changing said selected cutting tools, in said tooling sheet.
3. A system for the preparation of tooling sheets according to claim 1, wherein said cutting tool selection device comprises;
a cutting tool database search device which searches a cutting tool database using at least one of; a unique order number for each of said cutting tools, a cutting purpose, and a material of the work, as a search key, and outputs a search result list for the cutting tools; and
a parameter transfer device which transfers parameters indicating the recommended cutting conditions for the designated cutting tools, to said tooling sheet preparation device, by making a declaration of intention to select the insert via said search results list.
4. A system for the preparation of tooling sheets according to claim 3, wherein said cutting tool database search device displays said search results in order, based on an nth step key allocated to each grouped family of cutting tools.
5. A system for the preparation of tooling sheets according to claim 1, wherein said tooling sheet preparation device comprises;

a computing device which receives the transfer of the recommended cutting condition parameters via said parameter transfer device, and depending on the item, computes a prescribed formula to thereby generate and output item data of a tooling sheet.

6. A system for the preparation of tooling sheets according to claim 1, wherein said tooling sheet preparation device comprises a recommended cutting conditions modifying device which modifies recommended cutting conditions for said selected cutting tool, in response to the conditions of use of the user.

7. A method for the preparation of tooling sheets involving generating tooling sheets wherein recommended cutting conditions for a cutting tool comprising a combination of the tool body, the insert, and the insert material are recorded, and involves;

interactively selecting said cutting tool in accordance with a previously defined method, and

defining the recommended cutting conditions for said selected cutting tool as a default, and reflecting these details in said tooling sheet.

8. A program for the preparation of tooling sheets employed in a system for the preparation of tooling sheets involving generating tooling sheets wherein recommended cutting conditions for a cutting tool comprising a combination of the tool body, the insert, and the insert material are recorded, which executes on a computer;

a cutting tool selection step for interactively selecting said cutting tool in accordance with a previously defined method, and

a tooling sheet preparation step for defining the recommended cutting conditions for said selected cutting tools as a default, and reflecting these details in said tooling sheet.

9. A program for the preparation of tooling sheets according to claim 8, wherein said tooling sheet preparation step includes; a step for reflecting said recommended cutting conditions which are updated by changing said selected cutting tool, in said tooling sheet, and said step is executed on a computer.

10. A program for the preparation of tooling sheets according to claim 8, wherein said cutting tool selection step includes;

a cutting tool database search step for searching a cutting tool database using at least one of; a unique order number for each of said cutting tools, a cutting purpose, and a material of the work, as a search key, and outputting a search result list for the cutting tool; and

a parameter transfer step for transferring parameters indicating recommended cutting conditions for a designated cutting tool, to said tooling sheet preparation device, by making a declaration of intention to select an insert via said search results list, and each of said steps are executed on a computer.

11. A program for the preparation of tooling sheets according to claim 10, wherein said cutting tool database search step includes a step for displaying said search results in order, based on an nth step key allocated to each grouped family of cutting tools, and said step is executed on a computer.

12. A program for the preparation of tooling sheets according to claim 8, wherein said tooling sheet preparation step includes a step for receiving the transfer of said recommended cutting condition parameters, and depending on the item, computing a prescribed formula to thereby generate and output item data of a tooling sheet, and said step is executed on a computer.

13. A program for the preparation of tooling sheets according to claim 8, wherein said tooling sheet preparation step includes a step for modifying recommended cutting conditions for said selected cutting tool, in response to the conditions of use of the user, and said step is executed on a computer.